USER MANUAL Model: VTC700R

2.4GHz Digital Wireless Rearview Camera with 7” Color LCD Monitor

FOREWORD

Congratulation. The Rearview Camera, when used as described, will give you years of dependable service in your car, truck, RV, or mini-van. We have taken numerous measures in quality control to ensure that your product arrives in top condition, and will perform to your satisfaction.

Model: VTC700R

Packing List

Rearview Camera

TFT-LCD Monitor

Video Cable

Antenna for Camera and Monitor

Suction Holder

Stamping Mount Holder

Monitor Power Supply Cable

Screw

In-Line Wire Connectors

Cigarette Lighter Adapter

Grommet

The picture are for reference only, please refer to real subjects

For Sales Information Please Contact

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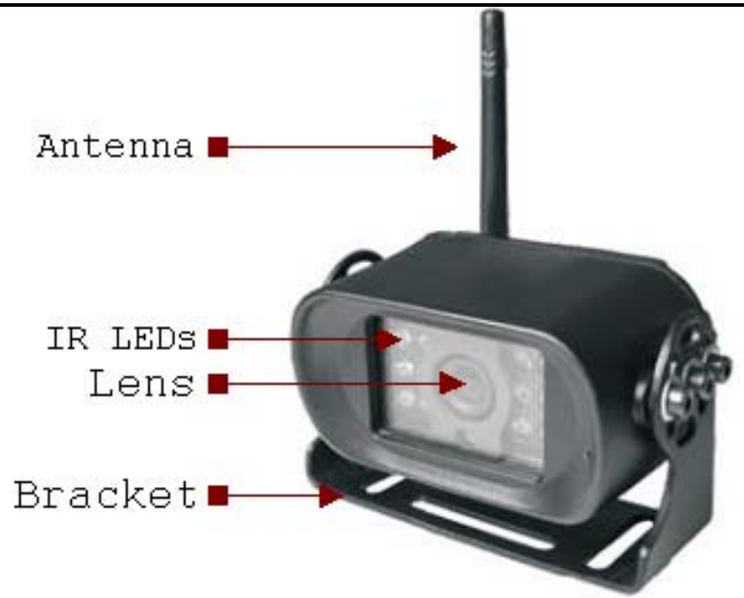
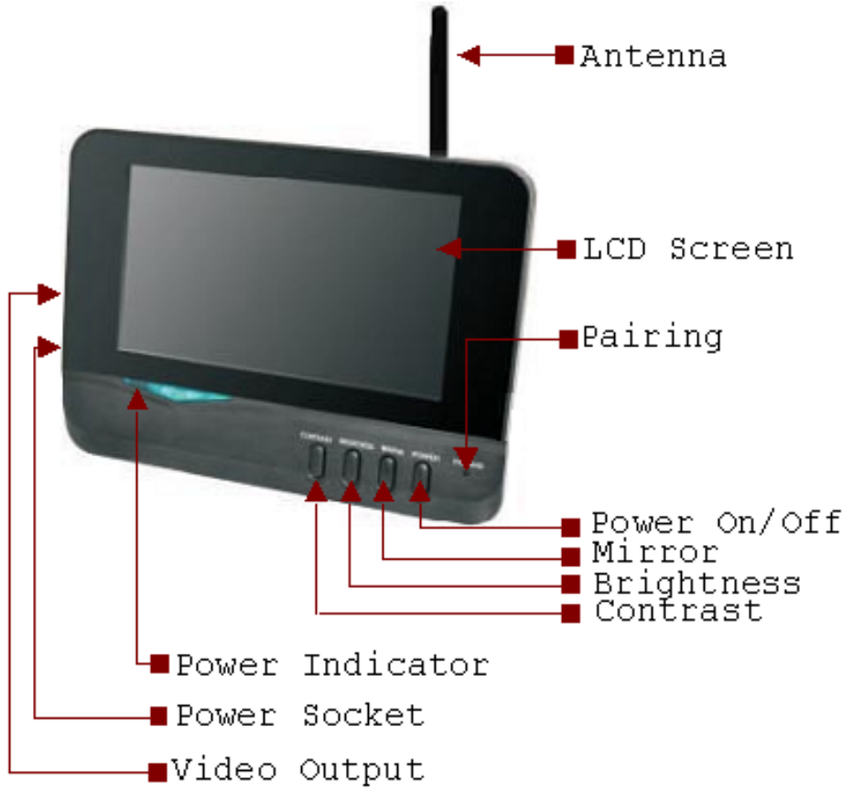
8312 Sidbury Rd.
Wilmington, NC 28411
(800) 507-0482 / (910) 686-4281

STRUCTURE





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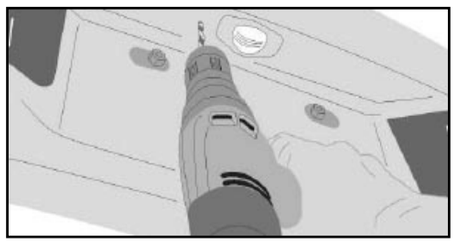
INSTALLATION

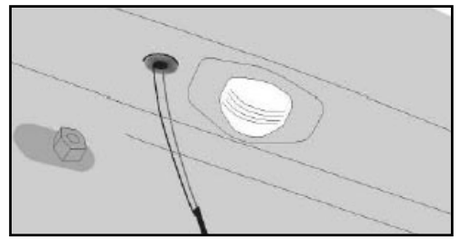
These installation instructions do not apply to all vehicles. They are meant as only a general guide to big vehicle makes & models. For specific questions, contact your vehicle manufacturer. Consult your local motor vehicle laws on the use of this product. Do not attempt this if you are not knowledgeable with electrical installation practices.

CAMERA INSTALLATION

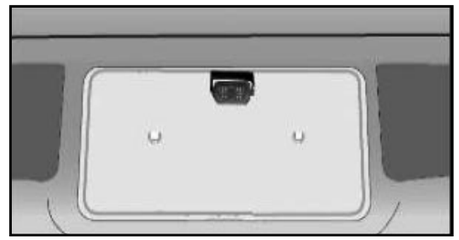
1. You may mount the camera near the top of the license plate with screws.



2. Drill six holes: one hole for the camera's power wire and five holes for installation of the camera.



3. Insert the power wire of the camera into the supplied grommet and then pass the power wire into the vehicle.



4. Install the camera with five screws supplied and adjust the camera to a proper angle.

Notice

- The product is not suitable for mini vehicles.
- For specific vehicle such as container car or container truck, please consult your local vehicle garage for installation.
- Some vehicle may have a hole available to pass the wire through, so you do not need to drill a hole.
- Before drilling those holes, you must check and make sure no other components are in the way. Before drilling, we strongly recommend you check carefully for any possible interference to avoid unexpected damages.

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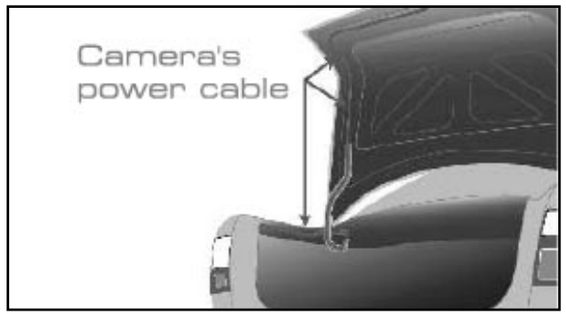
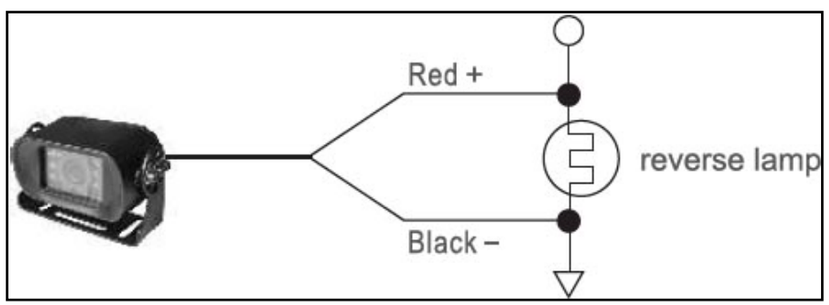
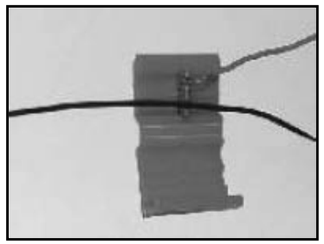
CAMERA POWER WIRE CONNECTION



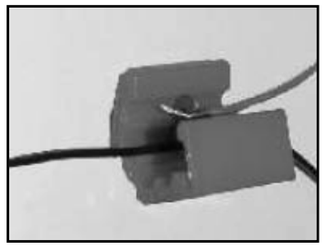
1. Once you have located the reverse light circuit, you need to route the power wire to that location. You must securely fasten the power wire to prevent it from being caught on a vehicle component such as the trunk hinge. Never route the cable outside the vehicle.



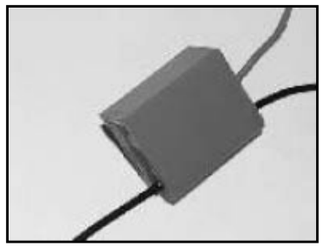
2. The camera is equipped with Reverse Voltage Protection. Please make sure that the RED wire is connected to positive (+) and the Black wire is connected to negative (-). Test by having someone place the vehicle in Reverse. The correct wires will have a 12 Volt DC potential only when the vehicle is in Reverse.



Insert the existing wire to be tapped.



Insert the wire to be attached.



Crimp tap and then close lock

3. Wrap In-Line wire connectors over the camera power wire.

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Monitor Installation:

1. Fastening the suction cup holder to the back of the monitor.

2. Peel off the backing paper of the suction holder and press it on the front window of the vehicle.

3. Connect power to the monitor. There are two methods as below:

a) Wire directly to the vehicle fuse box, paying attention to the positive and negative polarity.

b) Use the cigarette lighter adapter to connect the power socket of the monitor into the 12 Volt socket of the vehicle.

4. Power on and the power indicator lights blue. Adjust brightness, contrast and orientation of image on the monitor.

THE WHOLE DIAGRAM OF INSTALLATION POSITION:

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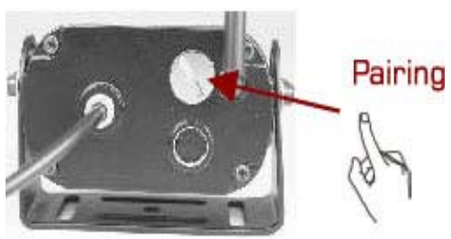
OPERATIONS

1. Press the POWER button on the monitor for 3 seconds, the power indicator will illuminate.

2. This equipment has been paired successfully from the factory. If there is no display image, you will need to pair again.

Pairing Method: On the back of the Camera, there are 2 threaded holes with a button screw in the lower hole. Unscrew the metal button in the lower hole and screw it into the upper hole. Then on the front of the monitor, press and hold the PAIRING button for 3s to pair the frequency signal in 30 seconds. If pairing is successful, remove the button screw from the top hole in the Camera and screw it back into the bottom hole.



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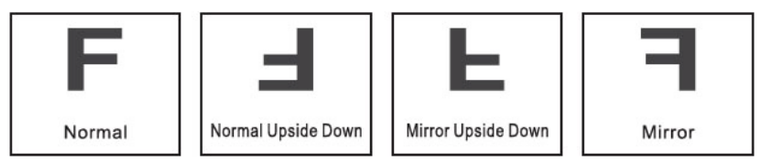
3. If the image on the LCD is unclear, adjust the contrast, brightness and mirror by toggling the buttons on the monitor.

   - **Contrast Control:** the 5 levels of LCD contrast can be adjusted by pressing the CONTRAST button.

   - **Brightness Control:** the 5 levels of LCD brightness can be adjusted by pressing the BRIGHTNESS button.

   - There are four different views for the monitor. If the image is not oriented correctly, press the MIRROR button on the monitor to change the orientation until it is correct.

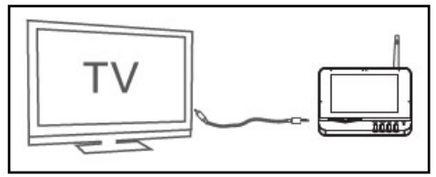


   - These different views allow you to mount the camera and/or monitor with either right side up or upside down and still display the image correctly on the monitor. The image displayed should match your rear view mirror. After testing the unit, fully tighten the Camera bolts.

Notice:
Press the CONTRAST button for 4 seconds to reset the display to the factory default.

4. The VTC700R Monitor has a video output that can be used to display the Camera input on a larger monitor or TV screen. Connect the included RCA cable to the monitor and the other end into the AV input of the larger monitor or TV.

When the connection is successful, the following message will display on the monitor.



Switching to NTSC TV system...

If the image does not display on TV, check the video cable and make sure it is fully inserted into the monitor

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SPECIFICATION

CAMERA

RECEIVER

Items	Value
Imaging Sensor	CMOS
Total Pixels	640x480
Horizontal View Angle	85°
Transmission Frequency	ISM 2,400 – 2.483MHz
Minimum Illumination	0 Lux (IR ON)
IR Night Range	3m
Modulating/Demodulating	16QAM,QPSK,BPSK
Power Supply	+12/+24VDC
Consumption Current (Max.)	150mA (IR OFF) & 230mA (IR ON)
Dimensions (W x D x H)	96x52x61 (mm) (Excluding Bracket)
Approx. Weight	440g (15.5 Oz)
LCD Screen Type	7” TFT-LCD
Transmission Frequency	ISM 2,400~2,483MHz
Screen Resolution	800 x 480
Video System	NTSC/PAL
Received Sensitivity	-72dBm@QAM, -85dBm@QPSK
Consumption Current (Max.)	600mA
Dimensions (W x D x H)	214 x 26 x 157 (mm)
Approx. Weight	518g (Excluding Bracket)
Power supply Voltage	DC 10-32V
* Unobstructed Effective Range (Matching	<130m
Operating Temperature	0°C~+40°C
Storage Temperature	-20°C~+60°C
Operating Humidity (Max.)	15%-85%RH

* The actual transmission range may vary according to the weather, location, interference and building construction.

* All the specifications are subject to minor change without prior notice.

FCC INFORMATION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTIONS

The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

Turn off the camera/receiver if the system is not in use

The Camera/receiver can only be completely disconnected form the mains by unplugging the adapter.

Do not cut the DC power cable of the apparatus to fit with another power source.

Attention should be drawn to the environment aspects of battery disposal.

EU ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

This manual has been updated by RoadTrucker Inc

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